

OPER. OGRID NO. 13925
PROPERTY NO. 15398
POOL CODE 37584

OIL CONS. COMMISSION
BOX 1980
SBS NEW MEXICO 88240
OMB NO. 1004-0136

UNITED STATES
DEPARTMENT OF
BUREAU OF LAND

EFF. DATE 6/11/96

Expires February 28, 1995

APPLICATION FOR PERM API NO. 30-025-32817
33589

1a. TYPE OF WORK

Drill ☐

Deepen ☒

b. TYPE OF WELL

Oil Well ☒

Gas Well ☐

Other ☐

Single Zone ☐

Multiple Zone ☐

2. NAME OF OPERATOR

Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 3256

Carlsbad, NM 88220

(505) 885-4596

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

330' FSL and 330' FWL (SW SW) Unit M

At proposed prod. zone

330' FSL and 330' FWL (SW SW) Unit M

5. LEASE DESIGNATION AND SERIAL NO.

NM052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

Mallon 34 Federal No. 1517

9. API WELL NO.

30-025-32817 33589

10. FIELD AND POOL, OR WILDCAT

N.E. Lea Delaware

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec. 34, T19S-R34E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE *

35 miles southwest of Hobbs, New Mexico

12. COUNTY OR PARISH

Lea County

13. STATE

NM

15. DISTANCE FROM PROPOSED *

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

330'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION *

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1320'

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.)

3673' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	20"	0.25	40'	Redi-mix to surface
14-3/4"	9-5/8"	36#	1500'	700 sx Lite, 200 sx Class C
8-3/4"	5-1/2"	17# & 5.5#	TD	1200 sx Lite, 400 sx Class C

To amend APD to deepen TD to 8300' (Delaware). Estimated tops of important geologic markers: Brushy Canyon 6300', Bone Springs 8300'. Land 9-5/8" csg at 1500' +/- and circulate cement to surface. Drill 8-3/4" hole from 1500' to 8300' with 10 ppg brine water mud system. Logging 8300' to surface (GR, CNL, FDC, DLL, MSFL). Run 5-1/2" x 17# and 15.5# csg from TD to surface, DV tool at 5000' +/- . Two stage cement, cement top 400' inside 9-5/8" csg. Estimated Delaware BHP 2800 psi. There will be no change in BOP equipment and no H2S is anticipated in association with deepening operations.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Duane C. Winkler

TITLE Production Superintendent

DATE 5/31/96

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

(ORIG. SCD.) JOE G. LARA

TITLE

PETROLEUM ENGINEER

6/4/96

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

